

CLAIMS

The embodiments for which an exclusive property or privilege is claimed are defined as follows:

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1. A metallized film comprising a continuous, opaque layer of metal in direct contact with an aliphatic polyurethane substrate that has a glass transition temperature of about 25° to 110°C and a melting temperature greater than or equal to 200°C.

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2. A metallized film according to claim 1 wherein the metal is selected from the group consisting of tin, chromium, nickel, stainless steel, copper, 15 aluminum, indium, gold, silver, and alloys thereof.

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3. A metallized film according to claim 1 wherein the polyurethane substrate is derived from an aqueous urethane dispersion.

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4. A metallized film according to claim 1 wherein the layer of metal is visible through the polyurethane substrate.

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5. A metallized film according to claim 1 wherein the polyurethane substrate includes a crosslinking agent therefor.

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6. A metallized film according to claim 1 further comprising a primer layer on the layer of metal for improving the adhesion of the layer of metal to a subsequent material.

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7. A metallized film according to claim 1 further comprising a color layer on the polyurethane substrate.

8. A metallized film according to claim 7 further comprising a protective clear coat layer on the color layer.

5 9. A metallized film according to claim 8 further comprising a primer layer on the layer of metal for improving the adhesion of the layer of metal to a subsequent surface.

10 10. A metallized film according to claim 9 wherein the layer of metal is visible through the protective clear coat layer, the color layer, and the polyurethane substrate.

15 11. A decorative article comprising a metallized film according to claim 1 secured to a reinforcing layer.

20 12. A decorative article according to claim 11 further comprising a primer layer between the layer of metal and the reinforcing layer.

25 13. A decorative article according to claim 12 further comprising an adhesive on the reinforcing layer for attaching the decorative article to a subsequent surface.

30 14. A decorative article according to claim 11 wherein the decorative article has a highly reflective, highly polished, mirrorlike appearance.

15. A decorative article according to claim 11 that shows no appreciable change in appearance after 7 days in a 93°C oven.

35 16. A decorative article according to claim 11 that shows no appreciable change in appearance after

2000 hours of xenon arc accelerated weathering  
exposure.